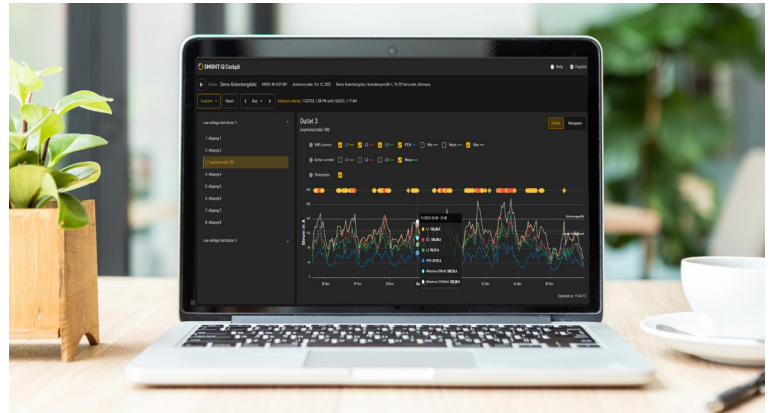


# Grid Monitoring and Control

## Bringing Transparency into the Distribution Grid

At SMIGHT we are helping Distribution Network Operators to enable the energy transition whilst maintaining grid stability; by giving them the tools they need to digitize their grids and thereby bring transparency into their low voltage networks. We do this by offering IoT enabled current and voltage sensing technology, which is installed across all phases on secondary substation and distribution cabinet feeders.



## SMIGHT enables Distribution Network Operators to

Prioritize reinforcement and development work

Optimize network operation

Plan more accurately and effectively for the future

Identify and resolve congestion

## The SMIGHT Grid2 solution does this by offering

#1

Easy and fast to install sensors which measure both active and reactive current and voltage, along with phase angle, across all phases and neutral lines.

#2

A solution that is retrofittable without causing any disruption – i.e. no extra wiring and installed during normal operation.

#3

A complete end-to-end solution meaning there is no need for a complex IT project. It is ready to use out-of-the-box.



# SMIGHT's Smart Grid Philosophy

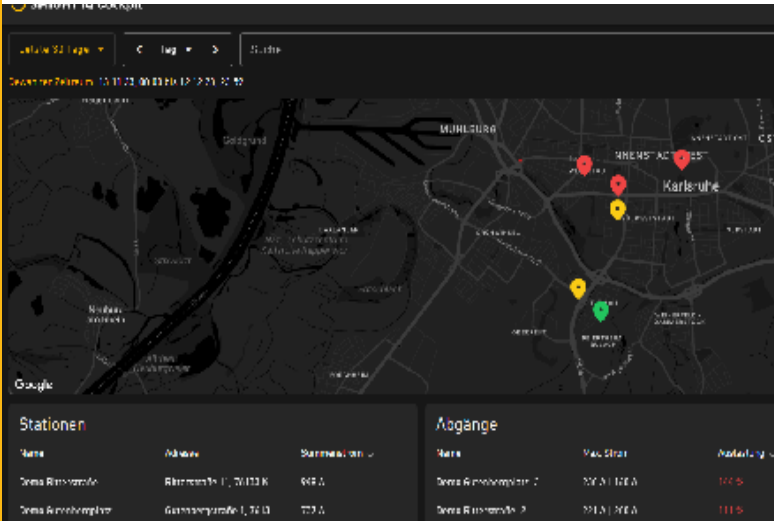
## MEASURE



What you measure you don't need to estimate. However, you don't need to measure everything, everywhere, all at once.

- > **What:** Current, voltage, and phase angle.
- > **Where:** Only where load issues exist.
- > **When:** Deploy sensors in a steady roll-out as demand increases.

## INTERPRET



Produce insights out of data.

- > **Prioritize:** Find out where you need to apply your limited resources.
- > **Utilize:** Identify how to fully exploit your existing assets and infrastructure.
- > **Estimate:** Use your measured data to produce more accurate estimations of what you don't measure.

## ACT



Turn insights into reality.

- > **Reinforce** and develop your grid.
- > Deploy **flexibility** and load management where and when it is needed.
- > **Connect** more customers to your network.



Test our live demo: